

**"Christa" - The LED Strip With a Width of Only 3 mm!**

"Christa" is a universal LED circuit board whose width of only 3 mm makes it particularly suitable for applications with restricted space.

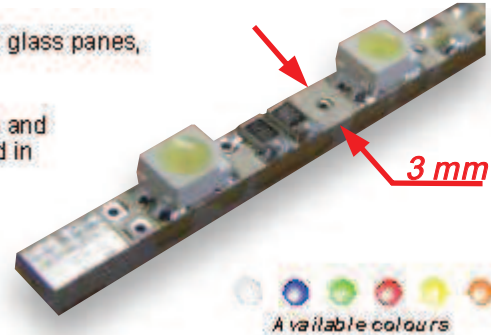
The LED strip is the favourite choice for illuminating engraved acrylic glass panes, as it allows the use of acrylic panes with a thickness of only 3 mm.

The circuit boards are available in lengths between 246 and 260 mm and can be split or extended as required. The maximum lengths are listed in the table below.

The shortest splittable length is 49.5 mm (4 LEDs).  
With white, blue and green LEDs this strip can be split in halves of approx. 25 mm (2 LEDs).

Electrical connection is via soldering pads located on the small end.

**Note: 12 V circuit boards**



**Christa 12.1**



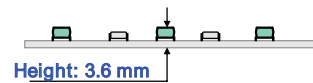
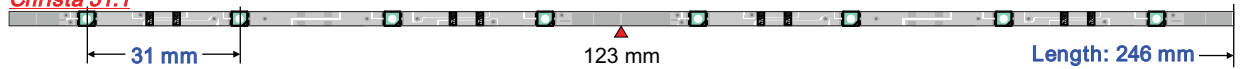
**Christa 16.1**



**Christa 22.1**



**Christa 31.1**



**Order numbers**

Type	White	Blue	Green	Red	Yellow	Amber
Christa 12.1	51124019	51124016	51124015	51124017	51124014	51124013
Christa 16.1	51164019	51164016	51164015	51164017	51164014	51164013
Christa 22.1	51224019	51224016	51224015	51224017	51224014	51224013
Christa 31.1	51314019	51314016	51314015	51314017	51314014	51314013

**Technical data - circuit board**

Type	Dimensions (mm)	LED distance (mm)	No. of LEDs	Splittable at	Power(W) white/blue/green	Power (W) red/yellow/amber	Max. connectable length per power supply
Christa 12.1	247.5 x 3	12	20	49.5 mm	3.0	2.5	1.25 m
Christa 16.1	256 x 3	26	16	64.0 mm	2.4	2.0	1.65 m
Christa 22.1	261 x 3	22	12	86.5 mm	1.8	1.5	2.25 m
Christa 31.1	246 x 3	31	8	123,0 mm	1.2	1.0	3.20 m

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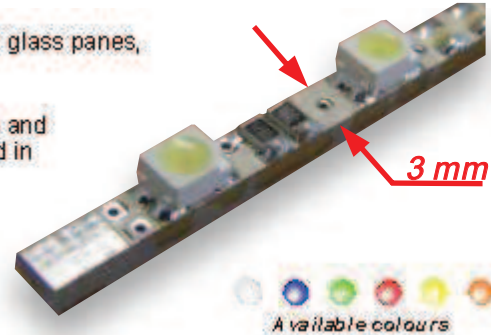
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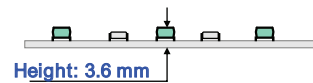
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**"Double" - The Two-colour LED Strip With a Width of 6 mm**

The "Double" LED strip is a two-colour LED circuit board with a width of 6 mm. The two LED colours are arranged in separate rows so that the strip can be used to illuminate two acrylic glass panes of 3 mm each with different colours to create a two-colour display.

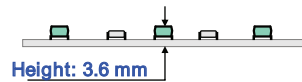
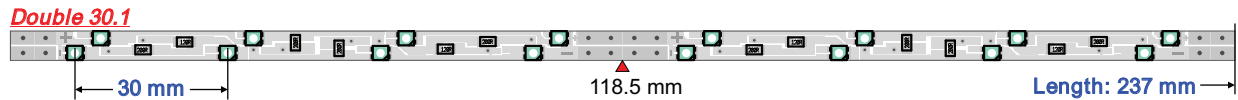
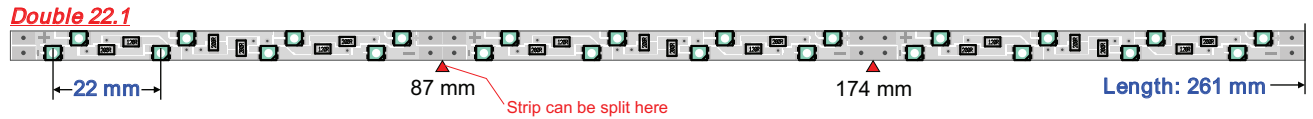
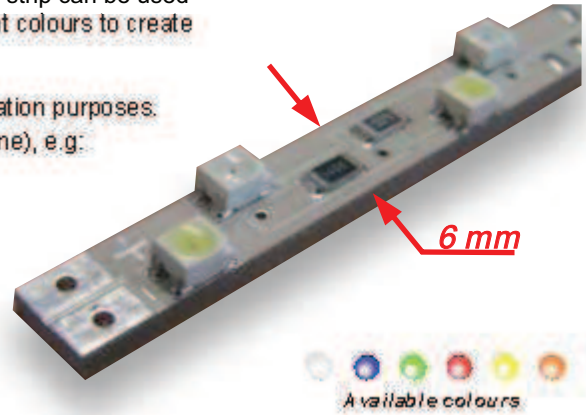
**Note: 12 V circuit boards**

The "Double" circuit board can also be used for general illumination purposes. Mixed colours can be obtained (illuminating only one acrylic pane), e.g.:

- red and blue for magenta
- white and yellow for "warm white"

The circuit board can be split (shortest length: 87 mm) or extended using soldered connections.

Electrical connection is via soldering pads located on the small end.



**Order numbers**

Type	White	Blue	Green	Red	Yellow	Amber
Double 22.1						
Double 30.1						

Order numbers available on request

**Technical data - circuit boards**

Type	Dimensions (mm)	LED distance (mm)	No. of LEDs	Splittable at	Power (W) white/blue/green	Power (W) red/yellow/amber	Max. connectable length per power supply
Double 22.1	261 x 6	22	2 x 12	87 mm	3	2,5	2.25 m
Double 30.1	237 x 6	30	16	64 mm	2,4	2	3.10 m

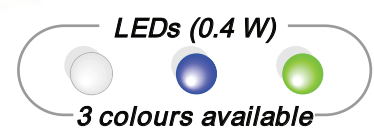
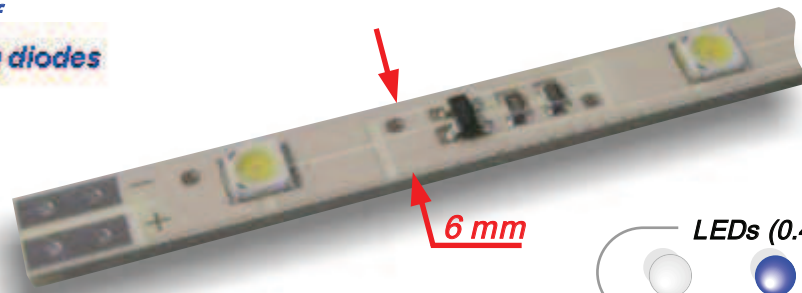
**NEW !**

**"Adele" - 12 Volts LED Strip With Power LEDs**

**NEW !**

**4 x more light with power LEDs**

The next generation of powerful light emitting diodes is on its way.



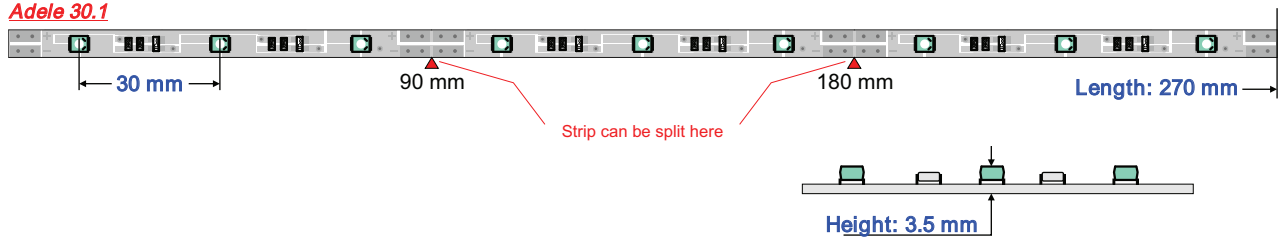
The **Adele** circuit board is a 6 mm wide, oblong LED strip for 12 V operation.

This new generation of LEDs offers four times the light output of conventional LEDs and is operated with 100 mA.

The circuit board can be extended (via soldering pads) or split at pre-defined lengths.

The "Adele" circuit board is available with white, blue and green LEDs.

**Adele 30.1**



**Technical data - circuit boards**

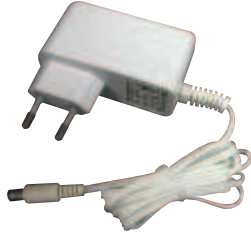
Type	Dimensions (mm)	LED distance (mm)	No. of LEDs	Splittable at	Power (W)
Adele 30.1	270 x 6	30	9	90 mm	4.2

**Order numbers**

White	5 1124 079
Blue	5 1124 076
Green	5 1124 075

## 12 V Power Supplies and Accessories

### 12 volts / 6 watts



- Electronic plug-in power supply**
- 12 V (DC) stabilized output voltage
  - Very compact housing
  - Available in black or white
  - 1.5 m cable and plug (5.5 x 2.5 mm)

Type	Power	Article number
12V / 6W plug-in p.s., black	6 W	5 1206 000
12V / 6W plug-in p.s., white	6 W	5 1206 007

### 12 volts / 15 watts



- Electronic plug-in power supply**
- 12 V (DC) stabilized output voltage
  - Very compact housing
  - Available in black or white
  - 1.5 m cable and plug (5.5 x 2.5 mm)

Type	Power	Article number
12V / 15W plug-in p.s., black	15 W	5 1215 000
12V / 15W plug-in p.s., white	15 W	5 1215 007

### 12 volts / 6 watts

**NEW!**



- Encapsulated power supply**
- 12 V (DC) stabilized output voltage
  - Housing completely sealed, suitable for outdoor use
  - Electrical connection via cables:  
Input: 2-pole, 1 m  
Output: twin cable, 1.5 m with plug (5.5 x 2.5 mm)

Dimensions: 87 x 37 x 26 mm

Type	Power	Article number
EVG 12-6	6 W	5 1206 008

### 12 volts / 15 watts

**NEW!**

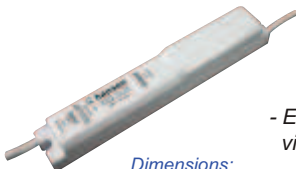


- Encapsulated power supply**
- 12 V (DC) stabilized output voltage
  - Housing completely sealed, suitable for outdoor use
  - Electrical connection via cables:  
Input: 2-pole, 1 m  
Output: twin cable, 1.5 m with plug (5.5 x 2.5 mm)

Dimensions: 90 x 46 x 38 mm

Type	Power	Article number
EVG 12-15	15 W	5 1215 008

### 12 volts / 25 watts



Dimensions:  
177 x 29 x 25 mm

- Encapsulated power supply**
- 12 V (DC) stabilized output voltage
  - Housing completely sealed, suitable for outdoor use
  - Electrical connection (input and output) via cables (1 m)

**Note:**  
This type is also available with an output voltage of 10 or 24 volts.

Type	Power	Article number
EVG 12-25	25 W	5 1225 000
EVG 10-25	25 W	5 1025 000
EVG 24-25	25 W	5 2425 000

### 12 volts / 45 watts



Dimensions:  
207 x 39 x 37 mm

- Encapsulated power supply**
- 12 V (DC) stabilized output voltage
  - Housing completely sealed, suitable for outdoor use
  - Electrical connection (input and output) via cables (1 m)

**Note:**  
This type is also available with an output voltage of 10 or 24 volts.

Type	Power	Article number
EVG 12-45	45 W	5 1245 000
EVG 10-45	45 W	5 1045 000
EVG 24-50	50 W	5 2450 000

### Circuit board supply cable with jack



- Twin cable, 1.5 m
- With power supply jack (5.5 x 2.5 mm)
- Available in black or white

For connecting the LED circuit boards to the 6 / 15 W power supply units

Colour	Article number
Black	5 1200 100
White	5 1200 200

### Automatic flasher / dimmer



For 12 volts, 2 Amps max.

Possible adjustments:

- Speed
- Brightness
- Type of dimming

**Also available as manual dimmer**

Article number
5 1200 300